

Title (en)
FABRIC SANITIZATION PROCESS

Title (de)
VERFAHREN ZUR DESINFEKTION VON TEXTILIEN

Title (fr)
PROCEDE DE NETTOYAGE DE TEXTILE

Publication
EP 1073479 A1 20010207 (EN)

Application
EP 99911985 A 19990416

Priority
• IB 9900688 W 19990416
• US 8290798 P 19980424

Abstract (en)
[origin: WO9955390A1] A process for sanitizing a fabric article which is contaminated with one or more microbials. The process steps include:
a) placing the fabric article in a vapor venting bag together with a cleaning/refreshing composition comprising water; and b) subjecting the vapor venting bag to a heat source which supplies sufficient heat to vaporize the water, thereby exposing the microbials to the resulting water vapor. This process results in at least about 50 % of the microbials being killed. The cleaning/refreshing composition preferably comprises at least one antimicrobial agent selected from the group consisting of 5-chloro-2-(2,4-dichlorophenoxy)phenol, trichlorocarbanalide, hydrogen peroxide, other oxygen bleaches, 4-chloro-3,5-dimethylphenol, iodine/iodophors, chlorhexidine, phenols, phospholipids, thymol, eugenol, geraniol, oil of lemon grass, limonene and mixtures thereof. The process of this invention preferably further comprises the step of pre-treating at least a portion of the fabric with a pre-treating composition comprising an antimicrobial agent selected from the group consisting of 5-chloro-2-(2,4-dichlorophenoxy)phenol, trichlorocarbanilide, hexachlorophene, chlorhexadine, o-phenylphenol, benzylquaternium salts and mixtures thereof.

IPC 1-7
A61L 2/06

IPC 8 full level
A61L 2/06 (2006.01); **A61L 2/07** (2006.01); **A61L 2/16** (2006.01); **A61L 2/18** (2006.01); **A61L 2/26** (2006.01); **C11D 3/48** (2006.01); **C11D 11/00** (2006.01); **D06L 1/04** (2006.01); **C11D 1/22** (2006.01); **C11D 1/29** (2006.01); **C11D 1/52** (2006.01); **C11D 1/66** (2006.01); **C11D 1/75** (2006.01); **C11D 1/90** (2006.01); **C11D 3/39** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP)
A61L 2/07 (2013.01); **A61L 2/23** (2013.01); **C11D 3/48** (2013.01); **C11D 3/485** (2013.01); **C11D 17/047** (2013.01); **D06L 1/04** (2013.01); **A61L 2202/181** (2013.01); **C11D 1/22** (2013.01); **C11D 1/29** (2013.01); **C11D 1/525** (2013.01); **C11D 1/662** (2013.01); **C11D 1/75** (2013.01); **C11D 1/90** (2013.01); **C11D 3/39** (2013.01); **C11D 2111/46** (2024.01)

Citation (search report)
See references of WO 9955390A1

Cited by
EP3786350A1; IT201900015024A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
WO 9955390 A1 19991104; AR 019099 A1 20011226; AU 3048299 A 19991116; BR 9909851 A 20001226; CA 2329335 A1 19991104; CN 1306443 A 20010801; EP 1073479 A1 20010207; JP 2002512854 A 20020508

DOCDB simple family (application)
IB 9900688 W 19990416; AR P990101878 A 19990423; AU 3048299 A 19990416; BR 9909851 A 19990416; CA 2329335 A 19990416; CN 99807779 A 19990416; EP 99911985 A 19990416; JP 2000545586 A 19990416